

Energy

- Multiple kind
- Can neither be created nor destroyed
- Joules
- Basis of everything
- Red Bull - 5-hour
- Can be measured (?)
- Kinetic or Potential
- Elastic
- Thermal
- Nuclear
- Electrical
- Chemical

- Ways to Represent Energy

- E
subscript

- Subscripts

- Kinetic $\rightarrow K$

- Gravitational Potential $\rightarrow g$

- Elastic $\rightarrow E_l$

- Thermal $\rightarrow Th$

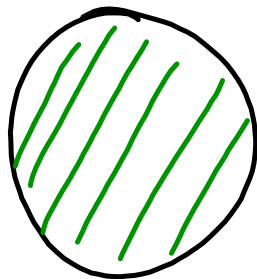
- Pie Charts

- Choose our system so that energy is internal

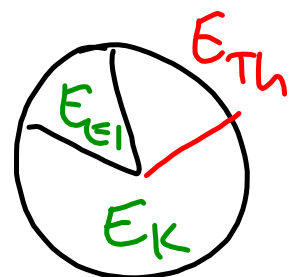
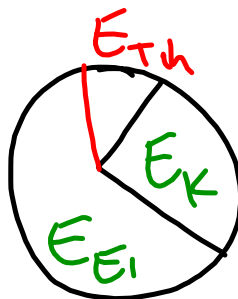
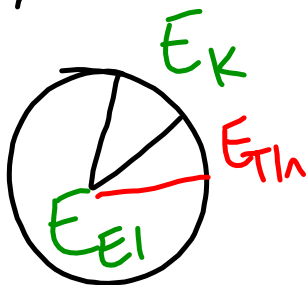
- Size of the pie chart can actually change

ESTM Worksheet 1a

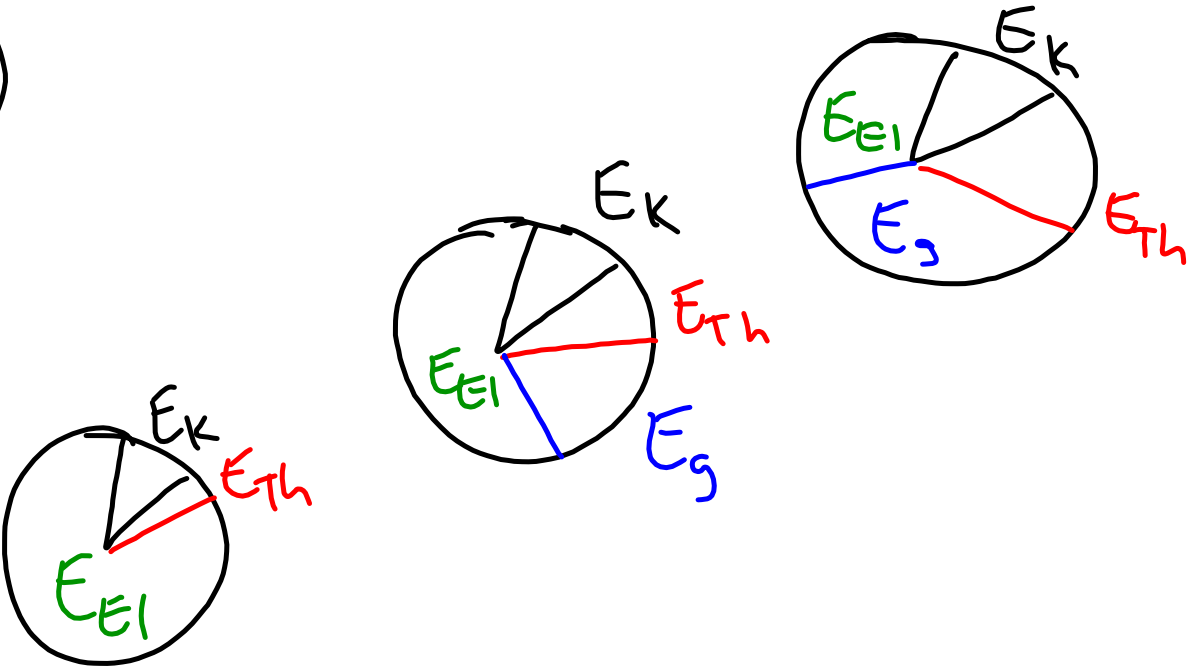
1)

 E_{E1}

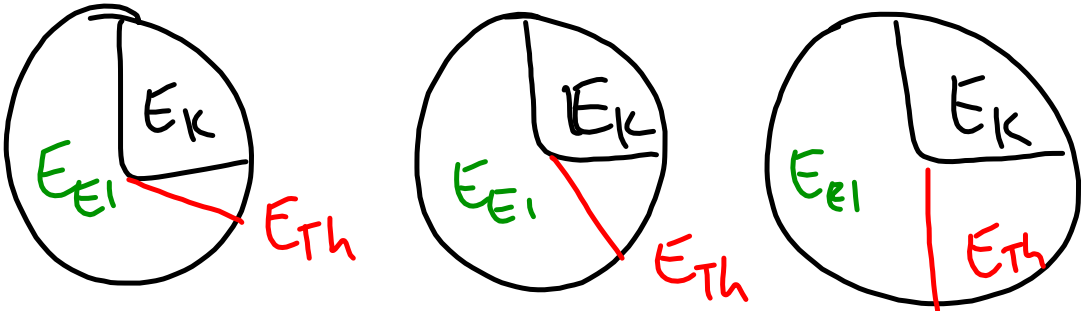
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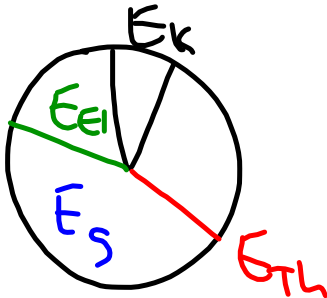
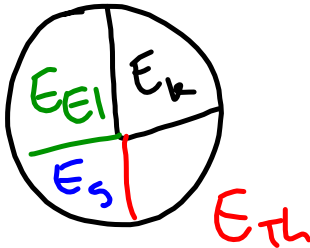
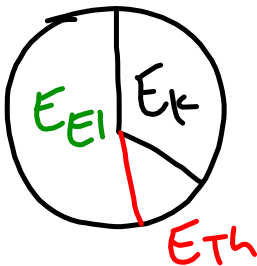
3)



4)



5)



6)

